



NITFS Compliance Registration



Product: Vantage Screener V2.6.0 with TARS imagery

Sponsor: USAF TARS Program Office

Developer: Space Dynamics Laboratory

Date: 27 March 2007

Expiration: 27 March 2009

Registration #: 2050

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:
-SunOS 5.10 (Solaris 10) 06/06

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

- ☒ V2.1
☒ V2.0
☐ V1.1

NSIF

- ☐ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☒ Bit Mapped **
☒ CGM, 2301
☒ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☒ YCbCr
☐ MULTI
☐ NODISPLY
☐ POLAR

Image Compression

- ☒ Not Compressed
☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ ICHIPB
☒ ENGRDA
☒ MITOCA

Legend
Interpret
Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

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